

# **EMPLOYMENT, HOURS AND EARNINGS**

**IN  
VIRGINIA  
AND ITS  
METROPOLITAN AREAS**

**OCTOBER, 1985**



**Virginia Employment Commission  
Economic Information Services Division  
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EMPLOYMENT, HOURS AND EARNINGS  
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Explanatory Notes

NONFARM EMPLOYMENT IN VIRGINIA RISES  
DURING SEPTEMBER 1985

EMPLOYMENT IN VIRGINIA'S NONAGRICULTURAL ESTABLISHMENTS RISES BY 28,600 BETWEEN AUGUST AND SEPTEMBER 1985 TO 2,443,700. This total was 81,500 more than September 1984. The current increases were centered in the government and manufacturing sectors. Return to normal after summer school closings and seasonal hirings in the food and tobacco industries accounted for the major portion of the employment upturn. Seasonal influences were noted in construction, trade, services, and finance but in the opposite direction. Changes in mining and transportation were minimal. Over-the-year employment growth of almost three and a half percent has been centered primarily in trade and services. This follows the national trend. Only in the manufacturing and mining divisions did employment lag below prior year levels.

GOVERNMENT EMPLOYMENT MOVED UPWARD BY 33,100 TO 522,200 IN SEPTEMBER 1985. Both state and local governmental employment rose over the month as local school systems and state higher education began the 1985 school year. About 21 percent of nonagricultural employment is in the government sector. State and local government represent 67 percent of total government employment within the Commonwealth.

MANUFACTURING EMPLOYMENT FORGED AHEAD BY 2,500 AND HAD 422,000 PERSONS ON PAYROLLS IN SEPTEMBER. Durable goods producers employed fewer workers (-800). Cutbacks were generally small and widespread. However, nondurable goods producers overcame the reduction. Hirings by fruit and vegetable processors raised employment in the food sector. Temporary, seasonal workers hired by tobacco stemming and redrying firms to process the 1985 crop also boosted employment. Settlement of a labor dispute improved employment in the chemicals and allied products segment.

MANUFACTURING PRODUCTION WORKERS TOTALED 332,100 AND EARNED AN AVERAGE WEEKLY EARNING OF \$348.30 IN SEPTEMBER 1985. Over the month earnings were up \$3.50 (+1.0%) and the over-the-year gain was \$18.23 (+5.5%). Average weekly hours rose 0.5 of an hour to 40.5 hours. This was one-tenth of an hour longer than in 1984. The influx of lower-paid, temporary, seasonal workers helped lower average hourly earnings \$.02 between August and September to \$8.60. A year ago, hourly earnings averaged \$8.17. Trend patterns in the areas were varied; nevertheless, all areas experienced longer average workweeks except for the Richmond-Petersburg area.

Table A-1.

## ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

| INDUSTRY GROUP                                 | EMPLOYMENT<br>IN THOUSANDS |              |              | NET CHANGE<br>PRCP |              |
|------------------------------------------------|----------------------------|--------------|--------------|--------------------|--------------|
|                                                | SEP.<br>1985               | AUG.<br>1986 | SEP.<br>1986 | AUG.<br>1986       | SEP.<br>1986 |
| TOTAL NONAGRICULTURAL                          | 2,443.7                    | 2,415.1      | 2,362.2      | 28.6               | 81.5         |
| MANUFACTURING                                  | 422.0                      | 419.5        | 426.1        | 2.5                | - 4.1        |
| DURABLE GOODS                                  | 195.1                      | 195.9        | 197.6        | - .8               | - 2.5        |
| LUMBER AND WOOD PRODUCTS                       | 23.0                       | 23.4         | 23.1         | - .4               | - .1         |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS       | 6.4                        | 6.4          | 6.2          | - .2               | - .2         |
| WOOD CONTAINERS                                | 1.7                        | 1.8          | 1.7          | - .1               | - .1         |
| FURNITURE AND FIXTURES                         | 23.2                       | 22.9         | 23.7         | .3                 | .5           |
| HOUSEHOLD AND OFFICE FURNITURE                 | 22.1                       | 21.8         | 22.6         | .3                 | .5           |
| STONE, CLAY & GLASS PRODUCTS                   | 14.5                       | 14.6         | 13.7         | - .1               | - .8         |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS          | 6.7                        | 6.8          | 6.3          | - .1               | - .4         |
| PRIMARY METAL INDUSTRIES                       | 10.4                       | 10.4         | 10.9         | .0                 | .5           |
| FABRICATED METAL PRODUCTS                      | 18.6                       | 18.6         | 18.9         | .0                 | .3           |
| FABRICATED STRUCTURAL METAL PRODUCTS           | 11.5                       | 11.5         | 11.7         | .0                 | .2           |
| MACHINERY EXCEPT ELECTRICAL                    | 14.4                       | 14.4         | 15.7         | .0                 | 1.3          |
| CONSTRUCTION AND RELATED MACHINERY             | 3.9                        | 3.9          | 4.2          | .0                 | .3           |
| SPECIAL INDUSTRY MACHINERY                     | 1.6                        | 1.6          | 1.6          | - .0               | - .0         |
| ELECTRIC & ELECTRONIC EQUIPMENT                | 40.3                       | 40.6         | 42.2         | .3                 | 1.9          |
| COMMUNICATION EQUIPMENT                        | 15.7                       | 15.7         | 14.4         | - .1               | - 1.3        |
| TRANSPORTATION EQUIPMENT                       | 43.8                       | 44.1         | 42.6         | - .1               | - 1.2        |
| INSTRUMENTS & RELATED PRODUCTS                 | 3.5                        | 3.6          | 3.6          | .1                 | .1           |
| MISC. MANUFACTURING INDUSTRIES                 | 3.3                        | 3.3          | 3.2          | - .1               | - .1         |
| NONDURABLE GOODS                               | 226.8                      | 223.6        | 228.6        | 3.0                | - 1.8        |
| FOOD & KINDRED PRODUCTS                        | 40.2                       | 39.2         | 40.1         | 1.0                | .1           |
| MEAT PRODUCTS                                  | 13.0                       | 12.8         | 12.7         | - .2               | - .3         |
| DAIRY PRODUCTS                                 | 2.3                        | 2.3          | 2.5          | .0                 | .2           |
| BEVERAGES                                      | 5.5                        | 5.7          | 5.4          | .2                 | - .1         |
| TOBACCO MANUFACTURES                           | 18.7                       | 17.6         | 17.2         | - 1.1              | - 1.5        |
| TEXTILE MILL PRODUCTS                          | 41.4                       | 41.0         | 43.5         | .4                 | 2.1          |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL     | 14.1                       | 14.2         | 16.5         | .1                 | 2.4          |
| NARROW FABRIC MILLS                            | 1.0                        | 1.0          | 1.0          | .0                 | .0           |
| KNITTING MILLS                                 | 17.4                       | 17.0         | 17.5         | .4                 | .1           |
| TEXTILE FINISHING EXCEPT WOOL                  | 3.7                        | 3.6          | 3.3          | - .1               | - .4         |
| MISC. TEXTILE GOODS                            | 1.4                        | 1.4          | 1.4          | .0                 | .0           |
| APPAREL & OTHER TEXTILE PRODUCTS               | 31.8                       | 31.4         | 22.6         | - .4               | - 9.2        |
| MENS & BOYS SUITS, COATS AND FURNISHINGS       | 10.3                       | 10.4         | 17.6         | .1                 | 7.3          |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 17.5                       | 17.0         | 17.8         | - .5               | .3           |
| PAPER & ALLIED PRODUCTS                        | 15.7                       | 15.6         | 15.6         | - .1               | .1           |
| PULP, PAPER & PAPERBOARD                       | 8.7                        | 8.0          | 9.0          | - .7               | .3           |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS  | 7.4                        | 7.2          | 7.2          | - .2               | .0           |
| CONTAINERS AND BOXES                           | 3.9                        | 3.9          | 3.9          | .0                 | .0           |
| PAPERBOARD CONTAINERS AND BOXES                | 3.9                        | 3.9          | 3.9          | .0                 | .0           |
| PRINTING AND PUBLISHING                        | 29.6                       | 29.5         | 29.1         | - .1               | - 1.3        |
| NEWSPAPER AND PERIODICALS                      | 12.0                       | 12.0         | 11.2         | - .1               | - .8         |
| COMMERCIAL PRINTING                            | 11.5                       | 11.6         | 11.3         | .1                 | - .2         |
| CHEMICAL & ALLIED PRODUCTS                     | 30.8                       | 30.5         | 22.6         | - .3               | - 7.9        |
| PLASTICS MATERIALS AND SYNTHETICS              | 17.3                       | 17.7         | 18.7         | .4                 | 1.4          |
| MISC. CHEMICAL PRODUCTS                        | 5.2                        | 5.2          | 5.2          | .0                 | .0           |
| PETROLEUM, RUBBER & MISC. PLASTIC PRODUCTS     | 15.6                       | 15.7         | 15.5         | .1                 | - .2         |
| MISC. PLASTICS PRODUCTS                        | 9.1                        | 9.1          | 8.9          | .0                 | - .2         |
| LEATHER & LEATHER PRODUCTS                     | 3.2                        | 3.2          | 3.4          | .0                 | .2           |

(Continued on page 2)

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

| INDUSTRY GROUP                          | EMPLOYMENT<br>IN THOUSANDS |                |                | NET CHANGE<br>PACP |              |
|-----------------------------------------|----------------------------|----------------|----------------|--------------------|--------------|
|                                         | SEP.<br>1985               | AUG.<br>1985   | SEP.<br>1984   | AUG.<br>1985       | SEP.<br>1984 |
| <b>NONMANUFACTURING</b>                 | <b>2,021.7</b>             | <b>1,995.6</b> | <b>1,926.3</b> | <b>26.1</b>        | <b>69.7</b>  |
| MINING                                  | 17.5                       | 17.4           | 18.5           | -.1                | - 1.0        |
| BITUMINOUS COAL AND LIGNITE MINING      | 14.7                       | 14.6           | 15.8           | -.1                | - 1.1        |
| CONSTRUCTION                            | 155.4                      | 157.1          | 149.1          | + 1.7              | + 8.0        |
| TRANSPORTATION & PUBLIC UTILITIES       | 131.9                      | 132.2          | 129.8          | + .3               | + 2.1        |
| RAILROAD TRANSPORTATION                 | 13.2                       | 13.2           | 13.4           | -.0                | -.2          |
| TRUCKING & WAREHOUSING                  | 30.2                       | 30.3           | 29.0           | + .1               | + 1.2        |
| TRANSPORTATION BY AIR                   | 16.5                       | 16.5           | 15.0           | -.0                | - 1.5        |
| COMMUNICATION                           | 36.4                       | 36.9           | 36.9           | +.5                | +.0          |
| ELECTRIC, GAS & SANITARY SERVICES       | 19.7                       | 19.8           | 19.7           | +.1                | +.1          |
| WHOLESALE & RETAIL TRADE                | 440.7                      | 442.1          | 418.9          | + 1.4              | + 23.2       |
| WHOLESALE TRADE                         | 120.4                      | 120.4          | 116.7          | +.0                | + 3.7        |
| WHOLESALE TRADE - DURABLE GOODS         | 76.9                       | 76.8           | 75.6           | +.1                | + 1.3        |
| WHOLESALE TRADE - NONDURABLE GOODS      | 44.0                       | 43.5           | 41.1           | +.5                | + 2.4        |
| RETAIL TRADE                            | 419.9                      | 421.7          | 402.1          | + 1.8              | + 19.8       |
| GENERAL MERCHANDISE STORES              | 59.7                       | 59.0           | 55.6           | +.7                | + 3.4        |
| DEPARTMENT STORES                       | 46.5                       | 46.3           | 44.7           | +.2                | + 1.6        |
| VARIOUS STORES                          | 11.6                       | 11.1           | 17.3           | +.5                | - 6.2        |
| FOOD STORES                             | 64.4                       | 64.5           | 63.6           | -.1                | -.8          |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 50.3                       | 50.4           | 49.5           | -.1                | -.8          |
| APPAREL & ACCESSORY STORES              | 21.3                       | 21.7           | 21.6           | +.4                | +.1          |
| FURNITURE AND HOME FURNISHING STORES    | 22.4                       | 22.5           | 20.2           | +.2                | + 2.3        |
| EATING & DRINKING PLACES                | 131.2                      | 133.3          | 124.4          | + 2.1              | + 8.8        |
| MISCELLANEOUS RETAIL                    | 54.6                       | 54.3           | 51.4           | +.3                | + 3.2        |
| FINANCIAL, INSURANCE AND REAL ESTATE    | 123.3                      | 123.2          | 119.1          | + 1.9              | + 4.2        |
| BANKING                                 | 35.2                       | 35.8           | 34.5           | -.6                | - 1.3        |
| CREDIT AGENCIES OTHER THAN BANKS        | 17.1                       | 17.1           | 15.9           | -.0                | - 1.2        |
| SECURITY, COMMODITY BROKERS & SERVICES  | 3.7                        | 3.7            | 3.1            | -.0                | - 0.6        |
| INSURANCE CARRIERS                      | 22.4                       | 22.3           | 21.4           | +.1                | + 0.9        |
| REAL ESTATE                             | 32.0                       | 33.3           | 31.1           | + 1.3              | + 2.2        |
| SERVICES                                | 530.7                      | 532.5          | 506.9          | + 1.8              | + 23.8       |
| HOTELS AND OTHER LODGING PLACES         | 43.3                       | 45.1           | 38.7           | + 1.8              | + 6.4        |
| PERSONAL SERVICES                       | 28.9                       | 28.6           | 27.4           | +.3                | + 1.5        |
| BUSINESS SERVICES                       | 132.6                      | 132.4          | 121.2          | +.2                | + 11.4       |
| AUTO REPAIR SERVICES & GARAGES          | 15.8                       | 16.0           | 15.1           | +.2                | + .7         |
| MISC. REPAIR SERVICES                   | 6.7                        | 6.7            | 6.5            | +.0                | +.2          |
| MOVIE PICTURES                          | 3.1                        | 3.2            | 3.6            | -.1                | -.5          |
| AMUSEMENT AND RECREATION SERVICES       | 16.2                       | 16.4           | 17.7           | -.2                | - 1.5        |
| HEALTH SERVICES                         | 125.3                      | 125.4          | 121.7          | +.3                | + 3.7        |
| HOSPITALS                               | 64.6                       | 64.8           | 64.5           | +.2                | +.3          |
| EDUCATIONAL SERVICES                    | 24.4                       | 24.9           | 23.2           | +.5                | + 1.7        |
| GOVERNMENT                              | 522.2                      | 489.1          | 502.7          | + 32.1             | + 19.5       |
| FEDERAL GOVERNMENT                      | 174.0                      | 174.2          | 147.0          | -.2                | - 27.0       |
| STATE & LOCAL GOVERNMENT                | 348.2                      | 314.9          | 355.7          | + 33.3             | + 12.4       |
| STATE GOVERNMENT                        | 127.6                      | 126.7          | 115.2          | + 11.5             | + 11.4       |
| LOCAL GOVERNMENT                        | 220.6                      | 188.2          | 240.5          | + 18.9             | + 1.0        |

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1984 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

NONFARM EMPLOYMENT IN VIRGINIA RISES  
DURING SEPTEMBER 1985  
(Continued from page 1)

SEASONAL PRESSURES WERE EVIDENT AMONG NONMANUFACTURING BUSINESSES. Declines were posted by construction as projects neared completion and summer workers were released. Trade employment moved downward as restaurants in the resort areas closed or reduced employment as the vacation season neared its end. Many of the tourist-related activities in the services division released workers. Hotels and motels, as well as amusement centers, had large staff reductions; however, layoffs in services were softened by private schools re-opening. The financial community experienced a loss of workers as real estate agencies used fewer persons in September.

THE CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U) INCREASED 0.3 PERCENT BEFORE SEASONAL ADJUSTMENT IN SEPTEMBER TO A LEVEL OF 324.5 (1967=100), THE BUREAU OF LABOR STATISTICS OF THE U. S. DEPARTMENT OF LABOR REPORTED. For the 12-month period ended in September, the CPI-U increased 3.2 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) also rose 0.3 percent in September, prior to seasonal adjustment. The September 1985 CPI-W level of 320.5 was 2.7 percent higher than the index in September 1984. The Consumer Price Index for October 1985 will be released November 22 and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA  
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS  
BY INDUSTRY DIVISIONS  
ANNUAL AVERAGES 1975-1984  
JANUARY 1981 TO DATE  
(IN THOUSANDS)

| Year & Month | Total 1/ | Manufac-<br>turing | Mining | Construc-<br>tion | Transporta-<br>& Public<br>Utilities | Wholesale<br>&<br>Retail Trade | Finance,<br>Insur-<br>ance &<br>Real<br>Estate | Services | Gov't. 1/ |
|--------------|----------|--------------------|--------|-------------------|--------------------------------------|--------------------------------|------------------------------------------------|----------|-----------|
| Annual Avg   |          |                    |        |                   |                                      |                                |                                                |          |           |
| 1975         | 1,778.7  | 371.5              | 20.9   | 112.0             | 102.6                                | 368.0                          | 84.0                                           | 296.9    | 422.8     |
| 1976         | 1,848.1  | 387.7              | 21.8   | 111.8             | 104.4                                | 386.7                          | 86.3                                           | 312.8    | 436.6     |
| 1977         | 1,930.4  | 400.8              | 22.0   | 119.0             | 105.9                                | 405.6                          | 91.7                                           | 331.8    | 453.6     |
| 1978         | 2,033.5  | 409.4              | 20.5   | 130.2             | 107.6                                | 428.1                          | 97.1                                           | 357.9    | 482.7     |
| 1979         | 2,115.0  | 413.8              | 23.3   | 138.4             | 114.2                                | 443.9                          | 104.4                                          | 383.5    | 493.5     |
| 1980         | 2,157.2  | 413.8              | 22.7   | 128.3             | 115.8                                | 451.2                          | 105.9                                          | 408.3    | 511.2     |
| 1981         | 2,160.8  | 414.0              | 21.7   | 116.3             | 117.6                                | 460.4                          | 106.1                                          | 418.3    | 506.6     |
| 1982         | 2,146.4  | 397.2              | 22.1   | 103.8             | 119.0                                | 462.4                          | 106.9                                          | 434.8    | 500.1     |
| 1983         | 2,206.9  | 403.6              | 17.4   | 113.9             | 120.4                                | 480.2                          | 110.1                                          | 460.4    | 500.9     |
| 1984         | 2,325.0  | 420.1              | 18.1   | 131.8             | 127.6                                | 513.0                          | 117.2                                          | 492.8    | 504.4     |
| 1981:        |          |                    |        |                   |                                      |                                |                                                |          |           |
| January      | 2,124.0  | 411.4              | 22.5   | 108.9             | 114.4                                | 451.0                          | 104.5                                          | 399.7    | 511.6     |
| February     | 2,122.4  | 411.1              | 22.6   | 108.3             | 114.5                                | 447.4                          | 104.3                                          | 400.4    | 513.8     |
| March        | 2,140.0  | 413.0              | 22.7   | 113.0             | 115.0                                | 448.7                          | 105.1                                          | 406.8    | 515.8     |
| April        | 2,153.3  | 414.0              | 13.1   | 118.6             | 115.8                                | 454.9                          | 105.1                                          | 416.7    | 515.2     |
| May          | 2,168.8  | 414.9              | 13.1   | 120.9             | 115.6                                | 460.3                          | 106.0                                          | 420.7    | 517.3     |
| June         | 2,193.0  | 416.3              | 22.6   | 122.9             | 118.6                                | 462.8                          | 107.9                                          | 427.1    | 514.9     |
| July         | 2,178.4  | 413.0              | 23.1   | 123.7             | 120.4                                | 463.0                          | 108.8                                          | 428.5    | 497.9     |
| August       | 2,179.9  | 416.2              | 23.5   | 121.7             | 120.2                                | 464.5                          | 108.5                                          | 431.1    | 494.0     |
| September    | 2,172.2  | 418.2              | 24.0   | 118.6             | 119.8                                | 464.5                          | 107.3                                          | 428.0    | 491.7     |
| October      | 2,164.9  | 414.8              | 24.5   | 116.3             | 119.3                                | 465.0                          | 105.1                                          | 422.1    | 498.0     |
| November     | 2,165.1  | 413.6              | 24.4   | 112.8             | 118.9                                | 467.3                          | 104.9                                          | 419.9    | 503.3     |
| December     | 2,167.5  | 411.0              | 24.6   | 109.4             | 118.5                                | 474.8                          | 105.5                                          | 418.7    | 505.1     |
| 1982:        |          |                    |        |                   |                                      |                                |                                                |          |           |
| January      | 2,104.1  | 400.8              | 24.1   | 93.4              | 117.0                                | 452.0                          | 104.4                                          | 413.5    | 499.0     |
| February     | 2,104.3  | 400.8              | 23.8   | 94.1              | 116.8                                | 447.1                          | 104.5                                          | 416.7    | 500.5     |
| March        | 2,115.1  | 398.1              | 24.0   | 96.8              | 116.7                                | 447.2                          | 104.7                                          | 422.2    | 505.4     |
| April        | 2,149.2  | 397.4              | 24.6   | 102.9             | 118.8                                | 456.1                          | 106.1                                          | 432.8    | 510.6     |
| May          | 2,160.4  | 396.3              | 24.0   | 107.0             | 119.8                                | 460.6                          | 106.9                                          | 435.1    | 510.7     |
| June         | 2,180.2  | 397.6              | 22.5   | 108.3             | 120.7                                | 463.6                          | 108.6                                          | 444.6    | 514.3     |
| July         | 2,152.9  | 395.6              | 21.9   | 109.6             | 119.8                                | 466.0                          | 108.9                                          | 446.7    | 484.3     |
| August       | 2,153.9  | 396.0              | 21.6   | 109.1             | 120.5                                | 467.4                          | 108.8                                          | 446.8    | 483.8     |
| September    | 2,159.2  | 398.1              | 21.3   | 108.1             | 120.0                                | 467.7                          | 108.0                                          | 445.4    | 490.6     |
| October      | 2,156.1  | 398.2              | 20.5   | 106.7             | 119.8                                | 467.8                          | 106.9                                          | 440.0    | 496.2     |
| November     | 2,160.4  | 395.0              | 19.6   | 106.1             | 119.2                                | 472.8                          | 107.3                                          | 437.2    | 503.3     |
| December     | 2,161.2  | 392.9              | 17.8   | 103.5             | 119.2                                | 480.9                          | 107.5                                          | 436.9    | 502.4     |
| 1983:        |          |                    |        |                   |                                      |                                |                                                |          |           |
| January      | 2,121.8  | 388.5              | 20.3   | 97.2              | 117.8                                | 459.7                          | 105.8                                          | 437.8    | 498.1     |
| February     | 2,115.9  | 388.8              | 16.5   | 95.8              | 116.6                                | 450.1                          | 106.0                                          | 438.8    | 503.4     |
| March        | 2,139.6  | 391.6              | 16.6   | 99.6              | 118.2                                | 455.8                          | 106.5                                          | 446.4    | 504.9     |
| April        | 2,173.0  | 396.4              | 17.0   | 106.6             | 119.7                                | 466.5                          | 108.1                                          | 454.7    | 504.0     |
| May          | 2,200.7  | 399.3              | 17.2   | 111.8             | 120.7                                | 473.7                          | 109.2                                          | 459.6    | 509.2     |
| June         | 2,240.5  | 404.9              | 17.5   | 117.6             | 122.4                                | 479.5                          | 112.0                                          | 469.3    | 517.4     |
| July         | 2,237.8  | 407.6              | 17.7   | 122.3             | 123.0                                | 490.8                          | 113.5                                          | 475.5    | 487.3     |
| August       | 2,226.2  | 408.3              | 17.9   | 124.2             | 112.7                                | 492.4                          | 113.7                                          | 476.0    | 480.9     |
| September    | 2,259.9  | 413.5              | 18.1   | 124.4             | 123.5                                | 494.9                          | 112.5                                          | 477.5    | 495.6     |
| October      | 2,248.9  | 414.7              | 18.0   | 123.6             | 123.2                                | 494.0                          | 111.1                                          | 461.7    | 499.7     |
| November     | 2,255.6  | 415.6              | 17.9   | 123.0             | 122.7                                | 498.5                          | 110.7                                          | 461.8    | 505.3     |
| December     | 2,263.1  | 414.6              | 17.9   | 120.6             | 124.4                                | 506.9                          | 111.5                                          | 462.6    | 504.7     |
| 1984:        |          |                    |        |                   |                                      |                                |                                                |          |           |
| January      | 2,238.0  | 411.8              | 17.9   | 114.1             | 122.6                                | 491.5                          | 113.3                                          | 464.9    | 501.9     |
| February     | 2,243.9  | 413.7              | 17.8   | 114.6             | 123.2                                | 487.0                          | 113.4                                          | 469.1    | 505.1     |
| March        | 2,268.3  | 416.2              | 18.1   | 118.3             | 123.8                                | 494.4                          | 114.5                                          | 477.2    | 505.7     |
| April        | 2,297.4  | 417.8              | 18.5   | 124.7             | 125.6                                | 501.7                          | 115.8                                          | 488.4    | 504.8     |
| May          | 2,327.3  | 418.9              | 18.8   | 130.9             | 127.0                                | 510.0                          | 116.9                                          | 495.5    | 509.4     |
| June         | 2,362.7  | 423.5              | 19.3   | 138.4             | 129.2                                | 514.6                          | 119.8                                          | 506.0    | 512.0     |
| July         | 2,332.5  | 420.8              | 19.4   | 141.6             | 129.5                                | 519.7                          | 120.9                                          | 504.2    | 476.4     |
| August       | 2,339.5  | 423.0              | 18.9   | 141.5             | 130.1                                | 517.5                          | 120.8                                          | 505.1    | 482.6     |
| September    | 2,362.2  | 426.1              | 18.5   | 140.1             | 129.8                                | 518.9                          | 119.1                                          | 506.9    | 502.7     |
| October      | 2,368.2  | 424.7              | 17.3   | 140.3             | 130.1                                | 525.1                          | 117.2                                          | 500.3    | 513.2     |
| November     | 2,374.6  | 422.3              | 16.2   | 139.1             | 130.1                                | 532.8                          | 117.1                                          | 498.1    | 518.9     |
| December     | 2,385.8  | 422.4              | 16.6   | 137.6             | 130.9                                | 543.2                          | 117.7                                          | 497.3    | 519.9     |
| 1985:        |          |                    |        |                   |                                      |                                |                                                |          |           |
| January      | 2,355.5  | 419.3              | 16.5   | 132.7             | 129.8                                | 527.6                          | 117.4                                          | 495.7    | 516.4     |
| February     | 2,351.8  | 418.2              | 17.1   | 130.1             | 129.0                                | 519.6                          | 117.7                                          | 499.6    | 520.4     |
| March        | 2,373.2  | 417.8              | 17.2   | 137.3             | 128.7                                | 525.1                          | 119.3                                          | 504.8    | 522.9     |
| April        | 2,396.0  | 418.5              | 17.3   | 143.5             | 129.5                                | 529.1                          | 119.3                                          | 515.7    | 523.1     |
| May          | 2,420.3  | 417.0              | 17.5   | 148.9             | 130.5                                | 538.3                          | 120.2                                          | 521.7    | 526.2     |
| June         | 2,448.7  | 419.0              | 17.8   | 153.8             | 132.0                                | 542.7                          | 123.2                                          | 529.8    | 530.6     |
| July         | 2,411.3  | 414.0              | 17.7   | 156.9             | 132.4                                | 543.6                          | 124.9                                          | 531.7    | 490.1     |
| August       | 2,415.1  | 419.5              | 17.4   | 157.1             | 132.2                                | 542.1                          | 125.2                                          | 532.5    | 489.1     |
| September    | 2,443.7  | 422.0              | 17.5   | 155.4             | 131.9                                | 540.7                          | 123.3                                          | 530.7    | 522.2     |

See footnote Table A-1.

Table A-3.

## ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

| INDUSTRY GROUP                                 | EMPLOYMENT<br>IN THOUSANDS |              |              | NET CHANGE<br>FROM |              |
|------------------------------------------------|----------------------------|--------------|--------------|--------------------|--------------|
|                                                | SEP.<br>1985               | AUG.<br>1985 | SEP.<br>1984 | DEC.<br>1984       | SEP.<br>1984 |
| TOTAL NONAGRICULTURAL                          | 1,089.7                    | 1,068.2      | 1,045.7      | 21.4               | 44.0         |
| MANUFACTURING                                  | 149.8                      | 147.6        | 153.4        | 2.2                | - 4.3        |
| DURABLE GOODS                                  | 50.5                       | 50.3         | 51.4         | .2                 | -.9          |
| LUMBER AND WOOD PRODUCTS                       | 4.5                        | 4.6          | 4.3          | -.1                | .2           |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS       | 1.9                        | 1.9          | 1.7          | .0                 | .2           |
| WOOD CONTAINERS                                | 0.4                        | 0.5          | 0.4          | -.1                | .0           |
| FURNITURE AND FIXTURES                         | 8.6                        | 8.4          | 9.4          | .2                 | -.2          |
| HOUSEHOLD AND OFFICE FURNITURE                 | 8.1                        | 8.1          | 9.5          | .2                 | -.2          |
| STONE, CLAY & GLASS PRODUCTS                   | 1.9                        | 1.9          | 1.7          | .0                 | .2           |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS          | 0.5                        | 0.5          | 0.4          | .0                 | .1           |
| PRIMARY METAL INDUSTRIES                       | 2.4                        | 2.2          | 2.2          | .2                 | .2           |
| FABRICATED METAL PRODUCTS                      | 3.2                        | 3.2          | 3.3          | .0                 | .0           |
| FABRICATED STRUCTURAL METAL PRODUCTS           | 1.3                        | 1.2          | 1.2          | .1                 | .1           |
| MACHINERY EXCEPT ELECTRICAL                    | 2.7                        | 2.7          | 2.7          | .0                 | .0           |
| CONSTRUCTION AND RELATED MACHINERY             | 0.4                        | 0.4          | 0.5          | .0                 | -.1          |
| SPECIAL INDUSTRY MACHINERY                     | 0.2                        | 0.2          | 0.2          | .0                 | .0           |
| ELECTRIC & ELECTRONIC EQUIPMENT                | 17.7                       | 17.7         | 18.9         | .0                 | - 1.2        |
| COMMUNICATION EQUIPMENT                        | 7.2                        | 7.2          | 5.6          | .0                 | .7           |
| TRANSPORTATION EQUIPMENT                       | 6.3                        | 6.4          | 5.1          | -.1                | .2           |
| INSTRUMENTS & RELATED PRODUCTS                 | 1.9                        | 1.9          | 2.0          | .0                 | -.1          |
| MISC. MANUFACTURING INDUSTRIES                 | 1.3                        | 1.3          | 1.3          | .0                 | .0           |
| NONDURABLE GOODS                               | 99.3                       | 97.3         | 102.3        | 2.0                | - 3.0        |
| FOOD & KINDRED PRODUCTS                        | 15.1                       | 14.4         | 15.3         | .7                 | - 1.2        |
| MEAT PRODUCTS                                  | 5.8                        | 5.7          | 6.0          | .1                 | -.2          |
| DAIRY PRODUCTS                                 | 0.5                        | 0.5          | 0.5          | .0                 | .0           |
| BEVERAGES                                      | 0.8                        | 0.8          | 0.8          | .0                 | .0           |
| TOBACCO MANUFACTURES                           | 5.7                        | 5.2          | 5.2          | .5                 | .5           |
| TEXTILE MILL PRODUCTS                          | 23.6                       | 23.2         | 25.1         | .3                 | - 1.5        |
| WEAVING MILLS, COTTON, SYNTHETIC AND WOOL      | 6.4                        | 6.5          | 7.6          | -.1                | - 1.2        |
| NARROW FABRIC MILLS                            | 0.6                        | 0.6          | 0.5          | .0                 | .1           |
| KNITTING MILLS                                 | 12.7                       | 12.3         | 13.2         | .4                 | -.5          |
| TEXTILE FINISHING EXCEPT WOOL                  | 1.5                        | 1.5          | 1.3          | .0                 | .2           |
| MISC. TEXTILE GOODS                            | 0.5                        | 0.5          | 0.5          | .0                 | .0           |
| APPAREL & OTHER TEXTILE PRODUCTS               | 27.7                       | 27.4         | 23.0         | .3                 | - 1.3        |
| MENS & BOYS SUITS, COATS AND FURNISHINGS       | 9.3                        | 9.5          | 9.4          | -.2                | .5           |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 16.0                       | 15.5         | 15.4         | .5                 | -.4          |
| PAPER & ALLIED PRODUCTS                        | 3.0                        | 2.8          | 2.9          | .2                 | .1           |
| PULP, PAPER & PAPERBOARD                       | 0.9                        | 0.9          | 0.9          | .0                 | .0           |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, | 2.0                        | 1.9          | 1.9          | .1                 | .1           |
| CONTAINERS AND BOXES                           | 0.8                        | 0.8          | 0.8          | .0                 | .0           |
| PAPERBOARD CONTAINERS AND BOXES                | 10.1                       | 10.1         | 9.3          | .0                 | .8           |
| PRINTING AND PUBLISHING                        | 4.3                        | 4.2          | 4.0          | .0                 | .3           |
| NEWSPAPER AND PERIODICALS                      | 3.0                        | 2.9          | 2.6          | .1                 | .4           |
| COMMERCIAL PRINTING                            | 8.4                        | 8.4          | 9.0          | .0                 | -.6          |
| CHEMICALS & ALLIED PRODUCTS                    | 4.5                        | 4.4          | 4.9          | -.1                | -.4          |
| PLASTICS MATERIALS AND SYNTHETICS              | 1.1                        | 1.1          | 1.1          | .0                 | .0           |
| MISC. CHEMICAL PRODUCTS                        | 3.4                        | 3.4          | 3.2          | .0                 | .2           |
| PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS    | 2.6                        | 2.6          | 2.5          | .0                 | .1           |
| MISC. PLASTICS PRODUCTS                        | 2.3                        | 2.2          | 2.4          | .0                 | -.1          |
| LEATHER & LEATHER PRODUCTS                     |                            |              |              |                    |              |

(Continued on page 7)

# ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

| INDUSTRY GROUP                          | EMPLOYMENT<br>IN THOUSANDS |              |              | NET CHANGE<br>FROM |              |
|-----------------------------------------|----------------------------|--------------|--------------|--------------------|--------------|
|                                         | SEP.<br>1984               | AUG.<br>1985 | SEP.<br>1984 | AUG.<br>1985       | SEP.<br>1984 |
| NONMANUFACTURING                        | 939.9                      | 920.6        | 892.7        | 19.2               | 47.9         |
| MINING                                  |                            |              |              |                    |              |
| BITUMINOUS COAL AND LIGNITE MINING      | 0.8                        | 0.8          | 0.9          | +0                 | +1           |
| CONSTRUCTION                            | 0.6                        | 0.6          | 0.7          | +0                 | +1           |
| TRANSPORTATION & PUBLIC UTILITIES       | 11.5                       | 11.7         | 11.8         | +2                 | +1.3         |
| RAILROAD TRANSPORTATION                 | 38.8                       | 38.1         | 37.8         | +3                 | +1.1         |
| TRUCKING & RAIL ROSSING                 | 1.7                        | 1.7          | 1.4          | +0                 | +1           |
| TRANSPORTATION BY AIR                   | 3.5                        | 3.5          | 3.5          | +0                 | +0           |
| COMMUNICATION                           | 6.6                        | 6.6          | 6.8          | +0                 | +0           |
| ELECTRIC, GAS & SANITARY SERVICES       | 17.8                       | 18.1         | 17.8         | +3                 | +1           |
| WHOLESALE & RETAIL TRADE                | 8.4                        | 8.6          | 8.4          | +0                 | +0           |
| WHOLESALE TRADE                         | 247.2                      | 247.8        | 235.9        | +6                 | 11.3         |
| WHOLESALE TRADE - DURABLE GOODS         | 31.2                       | 30.9         | 29.7         | +2                 | 2.5          |
| WHOLESALE TRADE - NONDURABLE GOODS      | 19.8                       | 19.7         | 18.3         | +1                 | 1.5          |
| RETAIL TRADE                            | 11.8                       | 11.2         | 11.4         | +0                 | +0           |
| GENERAL MERCHANDISE STORES              | 316.0                      | 316.8        | 305.8        | +8                 | 9.2          |
| DEPARTMENT STORES                       | 40.2                       | 39.6         | 39.3         | +6                 | 2.8          |
| VARIETY STORES                          | 31.6                       | 31.3         | 29.9         | +6                 | 1.6          |
| FLORIST                                 | 7.5                        | 7.2          | 6.7          | +2                 | +0           |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 30.0                       | 30.0         | 29.3         | +0                 | +0           |
| APPAREL & ACCESSORY STORES              | 10.2                       | 10.3         | 10.2         | +1                 | +0           |
| FURNITURE AND HOME FURNISHING STORES    | 15.3                       | 15.5         | 15.6         | +0                 | +0           |
| EATING & DRINKING PLACES                | 9.1                        | 9.0          | 8.8          | +1                 | +0           |
| MISCELLANEOUS RETAIL                    | 76.0                       | 77.2         | 71.3         | +1.2               | 4.7          |
| FINANCIAL, INSURANCE AND REAL ESTATE    | 31.9                       | 31.7         | 30.3         | +0                 | +1.6         |
| BANKING                                 | 74.4                       | 75.2         | 70.4         | +8                 | 4.0          |
| CREDIT AGENCIES OTHER THAN BANKS        | 26.0                       | 26.4         | 25.1         | +0                 | +0.9         |
| SECURITY, COMMODITY BROKERS & SERVICES  | 12.8                       | 12.8         | 11.7         | +0                 | +1.1         |
| INSURANCE CARRIERS                      | 1.5                        | 1.5          | 1.5          | +0                 | +0           |
| REAL ESTATE                             | 13.8                       | 13.7         | 12.9         | +1                 | +0.9         |
| SERVICES                                | 15.5                       | 18.0         | 12.3         | +0                 | +1.2         |
| MOTELS AND OTHER LODGING PLACES         | 301.0                      | 301.5        | 285.7        | +0                 | 15.3         |
| PERSONAL SERVICES                       | 22.2                       | 21.1         | 19.4         | +0                 | +1.7         |
| BEAUTY SERVICES                         | 19.8                       | 19.1         | 17.4         | +0                 | +2.4         |
| AUTO REPAIR SERVICES & GARAGES          | 56.9                       | 56.9         | 52.1         | +0                 | +4.8         |
| WEEK REPAIR SERVICES                    | 3.5                        | 3.5          | 3.2          | +0                 | +0.3         |
| MOTION PICTURE                          | 2.0                        | 1.9          | 1.8          | +1                 | +0.2         |
| AMUSEMENT AND RECREATION SERVICES       | 1.5                        | 1.8          | 1.9          | +0.3               | +0.4         |
| HEALTH SERVICES                         | 7.3                        | 9.4          | 7.4          | +2.1               | +0           |
| HOSPITAL                                | 103.9                      | 104.0        | 101.3        | +0                 | +2.6         |
| EDUCATIONAL SERVICES                    | 51.2                       | 53.8         | 53.3         | +0                 | +0.5         |
| GOVERNMENT                              | 14.7                       | 15.4         | 12.9         | +0                 | +2.5         |
| FEDERAL GOVERNMENT                      | 245.1                      | 246.7        | 233.3        | +0                 | +11.4        |
| STATE & LOCAL GOVERNMENT                | 66.3                       | 66.7         | 63.7         | +0                 | +3.0         |
| STATE GOVERNMENT                        | 198.8                      | 198.0        | 185.9        | +0                 | +12.1        |
| LOCAL GOVERNMENT                        | 67.5                       | 68.7         | 64.8         | +0                 | +3.9         |
|                                         | 178.3                      | 121.9        | 122.7        | 14.4               | 0.8          |

See footnote Table A-1.

Table A-4.

ESTIMATED NUMBER OF PRODUCTION WORKERS  
IN VIRGINIA MANUFACTURING INDUSTRIES

| INDUSTRY GROUP                                   | EMPLOYMENT<br>IN THOUSANDS |              |              | NET CHANGE<br>FROM |              |
|--------------------------------------------------|----------------------------|--------------|--------------|--------------------|--------------|
|                                                  | SEP.<br>1985               | AUG.<br>1985 | SEP.<br>1984 | AUG.<br>1985       | SEP.<br>1984 |
| MANUFACTURING                                    | 322.1                      | 318.7        | 322.9        | 2.4                | - .4         |
| DURABLE GOODS                                    | 146.4                      | 147.0        | 149.1        | - .6               | - 1.7        |
| LUMBER AND WOOD PRODUCTS                         | 19.7                       | 20.1         | 19.6         | - .4               | -.1          |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS         | 5.2                        | 5.2          | 5.0          | -.0                | -.2          |
| WOOD CONTAINERS                                  | 1.4                        | 1.7          | 1.5          | -.1                | -.1          |
| FURNITURE AND FIXTURES                           | 19.6                       | 19.2         | 20.1         | -.4                | -.4          |
| HOUSEHOLD AND OFFICE FURNITURE                   | 18.8                       | 18.5         | 19.3         | -.2                | -.5          |
| STONE, CLAY & GLASS PRODUCTS                     | 11.9                       | 11.9         | 11.1         | -.0                | -.8          |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS            | 5.4                        | 5.4          | 5.1          | -.0                | -.3          |
| PRIMARY METAL INDUSTRIES                         | 6.3                        | 6.3          | 6.1          | -.0                | -.2          |
| FABRICATED METAL PRODUCTS                        | 14.1                       | 14.1         | 14.6         | -.0                | -.5          |
| FABRICATED STRUCTURAL METAL PRODUCTS             | 8.5                        | 8.5          | 8.7          | -.0                | -.2          |
| MACHINERY EXCEPT ELECTRICAL                      | 10.1                       | 10.1         | 11.2         | -.0                | - 1.1        |
| CONSTRUCTION AND RELATED MACHINERY               | 2.6                        | 2.6          | 2.8          | -.0                | -.2          |
| SPECIAL INDUSTRY MACHINERY                       | 6.7                        | 6.7          | 3.7          | -.0                | -.7          |
| ELECTRIC & ELECTRONIC EQUIPMENT                  | 22.3                       | 22.5         | 24.3         | -.2                | - 2.0        |
| COMMUNICATION EQUIPMENT                          | 8.9                        | 8.9          | 4.4          | -.0                | -.5          |
| TRANSPORTATION EQUIPMENT                         | 37.2                       | 37.5         | 36.4         | -.3                | -.4          |
| INSTRUMENTS & RELATED PRODUCTS                   | 2.4                        | 2.5          | 2.3          | -.1                | -.1          |
| MISC. MANUFACTURING INDUSTRIES                   | 2.7                        | 2.7          | 2.5          | -.0                | -.2          |
| NONDURABLE GOODS                                 | 175.7                      | 171.7        | 173.4        | 4.0                | 1.3          |
| FOOD & KINDRED PRODUCTS                          | 29.2                       | 28.2         | 29.7         | 1.0                | 1.2          |
| MEAT PRODUCTS                                    | 13.8                       | 13.5         | 13.1         | -.3                | -.7          |
| DAIRY PRODUCTS                                   | 1.3                        | 1.3          | 1.3          | -.0                | -.0          |
| BEVERAGES                                        | 2.9                        | 2.9          | 2.4          | -.0                | -.1          |
| TOBACCO MANUFACTURES                             | 13.9                       | 12.7         | 12.8         | 1.2                | 1.1          |
| TEXTILE MILL PRODUCTS                            | 37.9                       | 37.5         | 39.4         | -.4                | - 1.5        |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL       | 12.5                       | 12.5         | 14.7         | -.0                | - 2.2        |
| NARROW FABRIC MILLS                              | 1.0                        | 1.0          | 0.9          | -.0                | -.1          |
| KNITTING MILLS                                   | 16.5                       | 16.1         | 16.1         | -.4                | -.4          |
| TEXTILE FINISHING EXCEPT WOOL                    | 3.2                        | 3.2          | 2.9          | -.0                | -.3          |
| MISC. TEXTILE GOODS                              | 1.1                        | 1.1          | 1.1          | -.0                | -.0          |
| APPAREL & OTHER TEXTILE PRODUCTS                 | 29.8                       | 29.3         | 29.7         | -.4                | -.9          |
| MEN'S & BOYS SUITS, COATS AND FURNISHINGS        | 9.5                        | 9.6          | 10.0         | -.1                | -.5          |
| WOMEN'S & CHILDREN'S OUTERWEAR AND UNDERGARMENTS | 15.9                       | 15.4         | 16.2         | -.5                | -.3          |
| PAPER & ALLIED PRODUCTS                          | 11.9                       | 11.7         | 11.7         | -.2                | -.2          |
| PULP, PAPER & PAPERBOARD                         | 5.4                        | 5.4          | 5.3          | -.0                | -.1          |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS    | 6.5                        | 6.0          | 6.2          | -.5                | -.3          |
| CONTAINERS AND BOXES                             | 3.3                        | 3.2          | 3.2          | -.1                | -.1          |
| PAPERBOARD CONTAINERS AND BOXES                  | 17.0                       | 17.0         | 16.2         | -.0                | -.8          |
| PRINTING AND PUBLISHING                          | 3.8                        | 3.8          | 3.7          | -.0                | -.1          |
| NEWSPAPER AND PERIODICALS                        | 3.2                        | 3.2          | 3.1          | -.0                | -.1          |
| COMMERCIAL PRINTING                              | 22.0                       | 21.2         | 21.9         | -.8                | -.1          |
| CHEMICAL & ALLIED PRODUCTS                       | 13.4                       | 13.2         | 14.1         | -.2                | -.7          |
| PLASTIC MATERIALS AND SYNTHETIC                  | 3.3                        | 3.2          | 3.2          | -.0                | -.1          |
| MISC. CHEMICAL PRODUCTS                          | 12.2                       | 12.3         | 11.8         | -.1                | -.4          |
| PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS      | 7.1                        | 7.2          | 5.8          | -.1                | -.7          |
| MISC. PLASTICS PRODUCTS                          | 2.8                        | 2.8          | 2.9          | -.0                | -.1          |
| LEATHER & LEATHER PRODUCTS                       |                            |              |              |                    |              |

See footnote Table A-1.

## ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5

## BRISTOL, VIRGINIA AREA

| INDUSTRY GROUP                                     | SEP.<br>1985 | AUG.<br>1985 | SEP.<br>1984 | AUG.<br>1985 | SEP.<br>1984 |
|----------------------------------------------------|--------------|--------------|--------------|--------------|--------------|
| TOTAL NONAGRICULTURAL                              | 28.9         | 28.6         | 28.7         | .2           | .2           |
| MANUFACTURING                                      | 9.8          | 9.3          | 10.2         | .8           | -.4          |
| DURABLE GOODS                                      | 4.8          | 4.8          | 5.3          | .0           | -.4          |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES      | 0.2          | 0.2          | 0.2          | .0           | .0           |
| STONE, CLAY & GLASS PRODUCTS                       | 0.2          | 0.2          | 0.3          | .0           | -.1          |
| PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS | 2.2          | 2.1          | 2.1          | .1           | .1           |
| FABRICATED METAL PRODUCTS                          | 1.7          | 1.7          | 1.4          | .0           | .1           |
| MACHINERY & TRANSPORTATION EQUIPMENT               | 2.1          | 2.1          | 2.4          | .0           | -.3          |
| OTHER DURABLE GOODS                                | 0.1          | 0.1          | 0.1          | .0           | .0           |
| NONDURABLE GOODS                                   | 5.0          | 5.0          | 4.9          | .0           | .1           |
| FOOD & KINDRED PRODUCTS                            | 1.4          | 1.4          | 1.5          | .0           | .1           |
| TEXTILE MILL PRODUCTS                              | 0.1          | 0.1          | 0.1          | .0           | .0           |
| APPAREL & OTHER TEXTILE PRODUCTS                   | 2.2          | 2.2          | 2.2          | .0           | .0           |
| PAPER & ALLIED PRODUCTS & PRINTING & PUBLISHING    | 0.4          | 0.5          | 0.4          | .0           | .0           |
| OTHER NONDURABLE GOODS                             | 0.6          | 0.6          | 0.4          | .0           | .0           |
| NONMANUFACTURING                                   | 19.2         | 18.9         | 18.5         | .2           | .7           |
| MINING                                             | 0.1          | 0.1          | 0.1          | .0           | .0           |
| CONSTRUCTION                                       | 1.1          | 1.1          | 1.2          | .0           | -.1          |
| TRANSPORTATION & PUBLIC UTILITIES                  | 1.2          | 1.2          | 1.1          | .0           | .1           |
| WHOLESALE & RETAIL TRADE                           | 6.9          | 6.9          | 6.6          | .0           | .3           |
| WHOLESALE TRADE                                    | 1.5          | 1.5          | 1.5          | .0           | .0           |
| RETAIL TRADE                                       | 5.3          | 5.4          | 5.2          | .1           | .1           |
| FINANCE, INSURANCE AND REAL ESTATE                 | 1.0          | 1.1          | 1.1          | .1           | .1           |
| SERVICES                                           | 4.2          | 4.1          | 3.9          | .1           | .4           |
| GOVERNMENT                                         | 2.7          | 2.5          | 2.6          | .2           | .1           |
| FEDERAL GOVERNMENT                                 | 0.4          | 0.4          | 0.4          | .0           | .0           |
| STATE & LOCAL GOVERNMENT                           | 2.2          | 2.1          | 2.2          | .2           | .2           |

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the instruments and related products, and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-6

## CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                     | EMPLOYMENT<br>IN THOUSANDS |              |              | ACT. CHANGE<br>P.P.C. |              |
|------------------------------------|----------------------------|--------------|--------------|-----------------------|--------------|
|                                    | SEP.<br>1985               | AUG.<br>1985 | SEP.<br>1984 | AUG.<br>1985          | SEP.<br>1984 |
| TOTAL NONAGRICULTURAL              | 62.1                       | 58.7         | 61.6         | 2.4                   | .5           |
| MANUFACTURING                      | 9.4                        | 9.4          | 10.2         | .0                    | -.8          |
| DURABLE GOODS                      | 6.2                        | 6.1          | 6.5          | .1                    | -.3          |
| LUMBER AND WOOD PRODUCTS           | 0.4                        | 0.4          | 0.4          | .0                    | .0           |
| FURNITURE AND FIXTURES             | 0.4                        | 0.4          | 0.4          | .0                    | .0           |
| ELECTRIC & ELECTRONIC EQUIPMENT    | 4.5                        | 4.4          | 5.0          | .1                    | -.5          |
| OTHER DURABLE GOODS                | 0.8                        | 0.8          | 0.8          | .0                    | .0           |
| NONDURABLE GOODS                   | 3.3                        | 3.3          | 3.7          | .0                    | -.4          |
| TEXTILE MILL PRODUCTS              | 0.9                        | 0.9          | 1.0          | .0                    | -.1          |
| PRINTING AND PUBLISHING            | 0.7                        | 0.7          | 0.7          | .0                    | .0           |
| OTHER NONDURABLE GOODS             | 1.7                        | 1.7          | 1.9          | .0                    | -.2          |
| NONMANUFACTURING                   | 52.7                       | 49.3         | 51.4         | 2.4                   | 1.3          |
| MINING                             | 0.1                        | 0.1          | 0.1          | .0                    | .0           |
| CONSTRUCTION                       | 3.5                        | 3.6          | 3.3          | .1                    | .2           |
| TRANSPORTATION & PUBLIC UTILITIES  | 1.8                        | 1.9          | 2.0          | .1                    | .2           |
| WHOLESALE & RETAIL TRADE           | 11.3                       | 11.3         | 10.8         | .0                    | .5           |
| WHOLESALE TRADE                    | 1.9                        | 2.0          | 1.6          | .1                    | .3           |
| RETAIL TRADE                       | 9.4                        | 9.3          | 9.2          | .1                    | .2           |
| FINANCE, INSURANCE AND REAL ESTATE | 3.7                        | 3.8          | 3.4          | .1                    | .3           |
| SERVICES                           | 10.9                       | 11.0         | 10.0         | .1                    | .9           |
| BUSINESS SERVICES                  | 2.4                        | 2.3          | 1.4          | .1                    | .6           |
| HEALTH SERVICES                    | 1.8                        | 1.7          | 1.9          | .0                    | -.1          |
| GOVERNMENT                         | 21.3                       | 17.7         | 21.8         | 2.6                   | .5           |
| FEDERAL GOVERNMENT                 | 1.3                        | 1.3          | 1.3          | .0                    | .1           |
| STATE & LOCAL GOVERNMENT           | 20.0                       | 16.4         | 20.5         | 2.6                   | .6           |

The Charlottesville Standard Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the food and kindred products, tobacco, apparel and other textile products, paper and allied products, chemical and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

## ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7

## DANVILLE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                                           | EMPLOYMENT<br>IN THOUSANDS |      |      | PERCENT<br>OF TOTAL |      |
|----------------------------------------------------------|----------------------------|------|------|---------------------|------|
|                                                          | 1980                       | 1985 | 1990 | 1985                | 1990 |
| TOTAL NONAGRICULTURAL                                    | 42.4                       | 39.3 | 47.7 | 1.1                 | 1.1  |
| MANUFACTURING                                            | 17.7                       | 17.2 | 19.4 | 4.1                 | 4.1  |
| DURABLE GOODS                                            | 8.7                        | 8.0  | 8.0  | 2.0                 | 2.0  |
| LUMBER AND WOOD PRODUCTS                                 | 1.1                        | 1.1  | 1.0  | 0.3                 | 0.3  |
| FABRICATED METAL PRODUCTS                                | 2.4                        | 2.4  | 2.7  | 0.6                 | 0.6  |
| MACHINERY EXCEPT ELECTRICAL                              | 2.1                        | 2.1  | 2.3  | 0.5                 | 0.5  |
| OTHER DURABLE GOODS                                      | 1.3                        | 1.4  | 1.3  | 0.3                 | 0.3  |
| NONDURABLE GOODS                                         | 14.2                       | 14.2 | 13.4 | 3.3                 | 3.3  |
| TOBACCO MANUFACTURES                                     | 1.4                        | 1.4  | 1.5  | 0.3                 | 0.3  |
| TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS | 12.0                       | 12.0 | 11.2 | 2.8                 | 2.8  |
| APPAREL & OTHER TEXTILE PRODUCTS                         | 1.1                        | 1.0  | 1.0  | 0.3                 | 0.3  |
| PRINTING AND PUBLISHING                                  | 2.3                        | 2.3  | 2.3  | 0.5                 | 0.5  |
| OTHER NONDURABLE GOODS                                   | 2.4                        | 2.4  | 2.3  | 0.6                 | 0.6  |
| NONMANUFACTURING                                         | 22.7                       | 22.1 | 28.3 | 5.4                 | 5.4  |
| MINING                                                   | 0.1                        | 0.1  | 0.1  | 0.0                 | 0.0  |
| CONSTRUCTION                                             | 1.4                        | 1.6  | 1.5  | 0.3                 | 0.3  |
| TRANSPORTATION & PUBLIC UTILITIES                        | 1.1                        | 1.0  | 1.0  | 0.3                 | 0.3  |
| WHOLESALE & RETAIL TRADE                                 | 4.2                        | 4.3  | 7.7  | 1.0                 | 1.0  |
| WHOLESALE TRADE                                          | 1.4                        | 1.4  | 1.5  | 0.3                 | 0.3  |
| RETAIL TRADE                                             | 2.8                        | 2.9  | 6.2  | 0.7                 | 0.7  |
| FINANCE, INSURANCE AND REAL ESTATE                       | 1.1                        | 1.1  | 1.1  | 0.3                 | 0.3  |
| SERVICES                                                 | 5.4                        | 5.7  | 5.4  | 1.3                 | 1.3  |
| GOVERNMENT                                               | 3.0                        | 3.3  | 4.9  | 0.7                 | 0.7  |
| FEDERAL GOVERNMENT                                       | 2.3                        | 2.3  | 2.3  | 0.5                 | 0.5  |
| STATE & LOCAL GOVERNMENT                                 | 0.7                        | 1.0  | 2.6  | 0.2                 | 0.2  |

The Danville Standard Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the food and kindred products, paper and allied products, chemicals and allied products, petroleum and coal products, and rubber and plastics products.

Table A-8

## LYNCHBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                                | EMPLOYMENT<br>IN THOUSANDS |      |      | PERCENT<br>OF TOTAL |      |
|-----------------------------------------------|----------------------------|------|------|---------------------|------|
|                                               | 1980                       | 1985 | 1990 | 1985                | 1990 |
| TOTAL NONAGRICULTURAL                         | 77.1                       | 68.7 | 69.8 | 1.4                 | 1.4  |
| MANUFACTURING                                 | 25.7                       | 25.0 | 26.5 | 3.3                 | 3.3  |
| DURABLE GOODS                                 | 15.3                       | 14.9 | 17.1 | 2.0                 | 2.0  |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES | 3.0                        | 3.0  | 3.1  | 0.4                 | 0.4  |
| OTHER DURABLE GOODS                           | 12.3                       | 11.9 | 14.0 | 1.6                 | 1.6  |
| NONDURABLE GOODS                              | 9.4                        | 9.1  | 9.4  | 1.2                 | 1.2  |
| FOOD & KINDRED PRODUCTS                       | 1.4                        | 1.4  | 1.4  | 0.2                 | 0.2  |
| TEXTILE MILL PRODUCTS                         | 1.9                        | 1.9  | 1.9  | 0.2                 | 0.2  |
| APPAREL & OTHER TEXTILE PRODUCTS              | 1.4                        | 1.3  | 1.3  | 0.2                 | 0.2  |
| PAPER & ALLIED PRODUCTS                       | 1.0                        | 1.0  | 1.0  | 0.1                 | 0.1  |
| OTHER NONDURABLE GOODS                        | 3.6                        | 3.5  | 3.8  | 0.5                 | 0.5  |
| NONMANUFACTURING                              | 44.8                       | 43.8 | 43.3 | 5.8                 | 5.8  |
| MINING                                        | 0.1                        | 0.1  | 0.1  | 0.0                 | 0.0  |
| CONSTRUCTION                                  | 2.9                        | 2.9  | 2.6  | 0.4                 | 0.4  |
| TRANSPORTATION & PUBLIC UTILITIES             | 3.2                        | 3.3  | 3.1  | 0.4                 | 0.4  |
| WHOLESALE & RETAIL TRADE                      | 13.9                       | 13.7 | 12.9 | 1.8                 | 1.8  |
| WHOLESALE TRADE                               | 2.1                        | 2.2  | 2.2  | 0.3                 | 0.3  |
| RETAIL TRADE                                  | 11.8                       | 11.5 | 10.7 | 1.5                 | 1.5  |
| FINANCE, INSURANCE AND REAL ESTATE            | 3.1                        | 3.1  | 3.1  | 0.4                 | 0.4  |
| SERVICES                                      | 12.7                       | 12.5 | 12.7 | 1.6                 | 1.6  |
| GOVERNMENT                                    | 8.9                        | 8.2  | 8.2  | 1.2                 | 1.2  |
| FEDERAL GOVERNMENT                            | 2.3                        | 2.5  | 2.5  | 0.3                 | 0.3  |
| STATE & LOCAL GOVERNMENT                      | 6.6                        | 5.7  | 5.7  | 0.9                 | 0.9  |

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1

Table A-8.

## NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                             | EMPLOYMENT<br>IN THOUSANDS |              |              | NET CHANGE<br>PCTP |              |
|--------------------------------------------|----------------------------|--------------|--------------|--------------------|--------------|
|                                            | SEP.<br>1983               | AUG.<br>1984 | SEP.<br>1984 | AUG.<br>1984       | SEP.<br>1984 |
| TOTAL NONAGRICULTURAL                      | 510.2                      | 505.9        | 494.7        | -4.3               | -15.5        |
| MANUFACTURING                              | 68.5                       | 68.7         | 68.7         | - .2               | - .2         |
| DURABLE GOODS                              | 50.0                       | 50.2         | 49.7         | - .2               | - .3         |
| LUMBER AND WOOD PRODUCTS                   | 1.6                        | 1.6          | 1.7          | 0                  | 0            |
| STONE, CLAY & GLASS PRODUCTS               | 2.5                        | 2.4          | 2.6          | 0                  | 0            |
| FABRICATED METAL PRODUCTS                  | 1.5                        | 1.5          | 1.5          | 0                  | 0            |
| MACHINERY EXCEPT ELECTRICAL                | 2.4                        | 2.4          | 2.4          | 0                  | 0            |
| ELECTRIC & ELECTRONIC EQUIPMENT            | 2.0                        | 2.1          | 2.0          | - .1               | - .1         |
| TRANSPORTATION EQUIPMENT                   | 37.4                       | 37.4         | 36.8         | - .6               | - .6         |
| OTHER DURABLE GOODS                        | 2.7                        | 2.6          | 2.5          | - .1               | - .2         |
| NONDURABLE GOODS                           | 18.5                       | 18.5         | 18.9         | 0                  | 0            |
| FOOD & KINDRED PRODUCTS                    | 7.9                        | 8.0          | 7.9          | - .1               | - .1         |
| APPAREL & OTHER TEXTILE PRODUCTS           | 1.4                        | 1.3          | 1.3          | 0                  | 0            |
| PRINTING AND PUBLISHING                    | 4.2                        | 4.2          | 4.1          | - .1               | - .1         |
| CHEMICALS & ALLIED PRODUCTS                | 1.8                        | 1.9          | 2.0          | 0                  | 0            |
| OTHER NONDURABLE GOODS                     | 3.2                        | 3.2          | 3.7          | 0                  | 0            |
| NONMANUFACTURING                           | 441.7                      | 437.2        | 426.0        | -4.5               | -15.6        |
| MINING                                     | 0.1                        | 0.1          | 0.1          | 0                  | 0            |
| CONSTRUCTION                               | 32.7                       | 33.0         | 31.1         | - .2               | - 1.6        |
| TRANSPORTATION & PUBLIC UTILITIES          | 25.7                       | 25.7         | 24.7         | - .9               | - 1.0        |
| RAILROAD TRANSPORTATION                    | 2.0                        | 2.0          | 2.2          | 0                  | 0            |
| WHOLESALE & RETAIL TRADE                   | 124.8                      | 123.8        | 119.4        | - 4.0              | - 5.4        |
| WHOLESALE TRADE                            | 21.6                       | 21.4         | 20.9         | - .2               | - .7         |
| RETAIL TRADE                               | 103.2                      | 102.4        | 98.5         | - .8               | - 4.7        |
| FINANCE, INSURANCE AND REAL ESTATE         | 21.8                       | 22.3         | 21.5         | 0                  | 0            |
| BANKING                                    | 6.0                        | 6.1          | 6.0          | 0                  | 0            |
| INS. CARRIERS, AGENTS, BROKERS, & SERVICES | 3.7                        | 3.7          | 3.8          | 0                  | 0            |
| SERVICES                                   | 111.4                      | 112.3        | 107.8        | - .4               | - 3.6        |
| PERSONAL SERVICES                          | 7.1                        | 7.1          | 6.4          | - .7               | - 7.7        |
| GOVERNMENT                                 | 125.1                      | 119.9        | 121.6        | - 5.2              | - 3.5        |
| FEDERAL GOVERNMENT                         | 56.8                       | 56.4         | 55.2         | - .4               | - 1.6        |
| STATE & LOCAL GOVERNMENT                   | 68.3                       | 63.5         | 66.4         | - 4.8              | - 1.9        |

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures, primary metal, instruments and related products, and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table A-10.

## NORTHERN VIRGINIA AREA

| INDUSTRY GROUP                          | EMPLOYMENT<br>IN THOUSANDS |              |              | NET CHANGE<br>PCTP |              |
|-----------------------------------------|----------------------------|--------------|--------------|--------------------|--------------|
|                                         | SEP.<br>1983               | AUG.<br>1984 | SEP.<br>1984 | AUG.<br>1984       | SEP.<br>1984 |
| TOTAL NONAGRICULTURAL                   | 621.4                      | 620.4        | 599.2        | -1.0               | -22.4        |
| MANUFACTURING                           | 31.8                       | 32.1         | 29.4         | - .3               | - 2.4        |
| DURABLE GOODS                           | 19.5                       | 19.6         | 17.8         | - .1               | - 1.7        |
| STONE, CLAY & GLASS PRODUCTS            | 1.6                        | 1.7          | 1.3          | - .1               | - .3         |
| FABRICATED METAL PRODUCTS               | 1.1                        | 1.1          | 1.1          | 0                  | 0            |
| MACHINERY EXCEPT ELECTRICAL             | 1.0                        | 1.0          | 1.0          | 0                  | 0            |
| ELECTRIC & ELECTRONIC EQUIPMENT         | 12.2                       | 12.3         | 11.0         | - .1               | - 1.2        |
| OTHER DURABLE GOODS                     | 2.7                        | 2.7          | 2.5          | 0                  | - .2         |
| NONDURABLE GOODS                        | 12.4                       | 12.5         | 11.6         | - .1               | - .8         |
| FOOD & KINDRED PRODUCTS                 | 1.4                        | 1.4          | 1.3          | 0                  | - .1         |
| PRINTING AND PUBLISHING                 | 9.0                        | 9.3          | 8.4          | - .3               | - .6         |
| OTHER NONDURABLE GOODS                  | 1.9                        | 1.9          | 1.9          | 0                  | 0            |
| NONMANUFACTURING                        | 589.6                      | 588.3        | 569.7        | - 1.3              | - 19.1       |
| MINING                                  | 0.4                        | 0.4          | 0.6          | 0                  | 0            |
| CONSTRUCTION                            | 44.7                       | 44.1         | 38.5         | - .6               | - 6.2        |
| TRANSPORTATION & PUBLIC UTILITIES       | 43.2                       | 43.6         | 39.7         | - .4               | - 3.5        |
| ELECTRIC, GAS & SANITARY SERVICES       | 11.7                       | 11.7         | 10.9         | 0                  | - .8         |
| WHOLESALE & RETAIL TRADE                | 138.2                      | 139.2        | 139.1        | 0                  | 0            |
| WHOLESALE TRADE                         | 28.5                       | 28.2         | 27.2         | - .3               | - 1.3        |
| RETAIL TRADE                            | 109.8                      | 111.0        | 102.9        | - 1.2              | - 6.9        |
| GENERAL MERCHANDISE STORES              | 12.5                       | 12.4         | 12.3         | - .1               | - .2         |
| FOOD STORES                             | 13.1                       | 13.2         | 13.6         | 0                  | 0            |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 13.8                       | 14.1         | 13.4         | - .3               | - .4         |
| APPAREL & ACCESSORY STORES              | 6.5                        | 6.6          | 6.4          | - .1               | - .1         |
| FINANCE, INSURANCE AND REAL ESTATE      | 38.7                       | 38.8         | 35.7         | - .1               | - 3.0        |
| BANKING                                 | 4.6                        | 4.7          | 4.4          | - .1               | - .2         |
| SERVICES                                | 181.9                      | 182.3        | 169.0        | - .4               | - 12.9       |
| BUSINESS SERVICES                       | 72.6                       | 72.3         | 67.8         | - .3               | - 4.8        |
| GOVERNMENT                              | 142.7                      | 140.0        | 136.1        | - 2.7              | - 4.6        |
| FEDERAL GOVERNMENT                      | 77.1                       | 78.1         | 74.4         | - 1.0              | - 2.7        |
| STATE & LOCAL GOVERNMENT                | 65.6                       | 61.9         | 61.7         | - 3.7              | - 3.9        |

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

NOTE: The category "Other Durable Goods" includes the lumber and wood products, furniture and fixtures, primary metal, transportation equipment, instruments and related products, and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-11

## ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

## RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                          | EMPLOYMENT<br>IN THOUSANDS |              |              | NET CHANGE<br>P.P.C. |              |
|-----------------------------------------|----------------------------|--------------|--------------|----------------------|--------------|
|                                         | SEP.<br>1985               | AUG.<br>1985 | SEP.<br>1984 | AUG.<br>1985         | SEP.<br>1984 |
| TOTAL NONAGRICULTURAL                   | 393.2                      | 391.0        | 389.0        | 2.2                  | 2.2          |
| MANUFACTURING                           | 63.2                       | 63.3         | 60.7         | 0.2                  | 1.7          |
| DURABLE GOODS                           | 17.3                       | 17.4         | 19.2         | 0.1                  | 0.7          |
| LUMBER AND WOOD PRODUCTS                | 1.9                        | 1.9          | 1.4          | 0                    | 0.1          |
| FURNITURE AND FIXTURES                  | 2.9                        | 2.7          | 3.6          | 0.2                  | 0.1          |
| STONE, CLAY & GLASS PRODUCTS            | 1.4                        | 1.4          | 1.4          | 0                    | 0            |
| FABRICATED METAL PRODUCTS               | 1.9                        | 1.9          | 2.3          | 0                    | 0.1          |
| FABRICATED STRUCTURAL METAL PRODUCTS    | 1.2                        | 1.2          | 1.3          | 0                    | 0.1          |
| MACHINERY EXCEPT ELECTRICAL             | 2.2                        | 2.2          | 3.1          | 0                    | 0.3          |
| OTHER DURABLE GOODS                     | 9.1                        | 9.4          | 9.5          | 0.2                  | 0.4          |
| NONDURABLE GOODS                        | 45.6                       | 45.8         | 41.4         | 0.1                  | 1.3          |
| FOOD & KINDRED PRODUCTS                 | 4.4                        | 4.3          | 4.4          | 0.1                  | 0            |
| TOBACCO MANUFACTURES                    | 15.6                       | 15.7         | 15.4         | 0.1                  | 0.2          |
| APPAREL & OTHER TEXTILE PRODUCTS        | 1.9                        | 2.0          | 2.3          | 0.1                  | 0.4          |
| PAPER & ALLIED PRODUCTS                 | 4.4                        | 4.8          | 4.8          | 0.1                  | 0.1          |
| PRINTING AND PUBLISHING                 | 6.7                        | 6.7          | 6.3          | 0                    | 0.4          |
| CHEMICALS & ALLIED PRODUCTS             | 3.9                        | 3.9          | 3.4          | 0                    | 0.3          |
| OTHER NONDURABLE GOODS                  | 9.6                        | 9.6          | 12.7         | 0                    | 1.1          |
| NONMANUFACTURING                        | 330.2                      | 327.7        | 328.3        | 2.5                  | 9.9          |
| MINING                                  | 0.3                        | 0.4          | 0.4          | 0.1                  | 0            |
| CONSTRUCTION                            | 24.8                       | 25.5         | 21.1         | 0.7                  | 3.7          |
| TRANSPORTATION & PUBLIC UTILITIES       | 20.4                       | 21.1         | 21.4         | 0.2                  | 0.5          |
| WHOLESALE & RETAIL TRADE                | 93.0                       | 92.0         | 97.7         | 0.2                  | 2.3          |
| WHOLESALE TRADE                         | 25.3                       | 25.4         | 25.3         | 0.1                  | 0.1          |
| RETAIL TRADE                            | 67.6                       | 67.4         | 69.4         | 0.2                  | 2.2          |
| GENERAL MERCHANDISE STORES              | 12.7                       | 12.5         | 12.4         | 0                    | 0.1          |
| FOOD STORES                             | 10.8                       | 11.0         | 10.2         | 0.2                  | 0.6          |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 7.3                        | 7.3          | 7.3          | 0                    | 0            |
| FINANCE, INSURANCE AND REAL ESTATE      | 30.8                       | 31.0         | 29.6         | 0.2                  | 1.2          |
| INDEPENDENT AGENTS, BROKERS, & SERVICES | 11.2                       | 11.3         | 11.2         | 0.1                  | 0.1          |
| SERVICES                                | 74.8                       | 74.6         | 73.0         | 0.2                  | 1.6          |
| HEALTH SERVICES                         | 10.7                       | 10.6         | 19.1         | 0.1                  | 0.4          |
| GOVERNMENT                              | 85.6                       | 84.9         | 84.2         | 2.2                  | 1.4          |
| FEDERAL GOVERNMENT                      | 16.4                       | 16.1         | 14.8         | 0.1                  | 1.3          |
| STATE & LOCAL GOVERNMENT                | 69.0                       | 68.4         | 69.4         | 2.6                  | 0.4          |

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Gloucester, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.  
The category "Other Nondurable Goods" includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12  
ROANOKE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                                     | EMPLOYMENT<br>IN THOUSANDS |              |              | NET CHANGE<br>P.P.C. |              |
|----------------------------------------------------|----------------------------|--------------|--------------|----------------------|--------------|
|                                                    | SEP.<br>1985               | AUG.<br>1985 | SEP.<br>1984 | AUG.<br>1985         | SEP.<br>1984 |
| TOTAL NONAGRICULTURAL                              | 112.2                      | 112.2        | 109.1        | 0                    | 4.1          |
| MANUFACTURING                                      | 20.5                       | 20.4         | 21.1         | 0.1                  | 0.6          |
| DURABLE GOODS                                      | 11.5                       | 11.5         | 11.8         | 0                    | 0.3          |
| FURNITURE AND FIXTURES                             | 1.5                        | 1.6          | 1.6          | 0.1                  | 0.1          |
| PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS | 2.3                        | 2.3          | 2.5          | 0                    | 0.4          |
| FABRICATED METAL PRODUCTS                          | 1.7                        | 1.7          | 1.7          | 0                    | 0            |
| FABRICATED STRUCTURAL METAL PRODUCTS               | 1.2                        | 1.2          | 1.2          | 0                    | 0            |
| MACHINERY EXCEPT ELECTRICAL                        | 1.4                        | 1.4          | 1.7          | 0                    | 0.3          |
| OTHER DURABLE GOODS                                | 6.0                        | 6.0          | 6.0          | 0                    | 0            |
| NONDURABLE GOODS                                   | 9.0                        | 9.1          | 9.3          | 0.1                  | 0.3          |
| FOOD & KINDRED PRODUCTS                            | 1.9                        | 1.9          | 1.9          | 0                    | 0            |
| TEXTILE MILL PRODUCTS                              | 1.4                        | 1.4          | 1.7          | 0                    | 0.3          |
| APPAREL & OTHER TEXTILE PRODUCTS                   | 1.8                        | 1.8          | 1.7          | 0                    | 0.1          |
| PRINTING AND PUBLISHING                            | 1.2                        | 1.2          | 1.2          | 0                    | 0            |
| OTHER NONDURABLE GOODS                             | 2.8                        | 2.8          | 2.8          | 0                    | 0            |
| NONMANUFACTURING                                   | 91.7                       | 91.6         | 88.0         | 0.1                  | 4.8          |
| MINING                                             | 0.1                        | 0.1          | 0.1          | 0                    | 0            |
| CONSTRUCTION                                       | 6.7                        | 6.8          | 6.5          | 0.1                  | 0.7          |
| TRANSPORTATION & PUBLIC UTILITIES                  | 8.3                        | 8.4          | 9.2          | 0.1                  | 0.1          |
| WHOLESALE & RETAIL TRADE                           | 28.5                       | 28.7         | 27.4         | 0.2                  | 1.1          |
| WHOLESALE TRADE                                    | 7.9                        | 8.0          | 7.7          | 0.1                  | 0.2          |
| RETAIL TRADE                                       | 20.5                       | 20.7         | 19.6         | 0.2                  | 0.9          |
| FINANCE, INSURANCE AND REAL ESTATE                 | 6.7                        | 6.6          | 6.5          | 0.1                  | 0.2          |
| SERVICES                                           | 26.7                       | 26.5         | 24.7         | 0.2                  | 2.0          |
| GOVERNMENT                                         | 14.6                       | 14.5         | 14.0         | 0.1                  | 0.6          |
| FEDERAL GOVERNMENT                                 | 3.4                        | 3.4          | 3.3          | 0                    | 0.1          |
| STATE & LOCAL GOVERNMENT                           | 11.2                       | 11.2         | 10.8         | 0                    | 0.4          |

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

NOTE: The category "Other Durable Goods" includes the lumber and wood products, stone, clay, and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.  
The category "Other Nondurable Goods" includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

**HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS  
IN VIRGINIA MANUFACTURING INDUSTRIES**

Table C-1.

| INDUSTRY GROUP                                                         | AVERAGE WEEKLY<br>EARNINGS |                 |                 | AVERAGE WEEKLY<br>HOURS |              |              | AVERAGE HOURLY<br>EARNINGS |               |               |
|------------------------------------------------------------------------|----------------------------|-----------------|-----------------|-------------------------|--------------|--------------|----------------------------|---------------|---------------|
|                                                                        | SEP.<br>1985               | AUG.<br>1985    | SEP.<br>1984    | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985               | AUG.<br>1985  | SEP.<br>1984  |
| <b>MANUFACTURING</b>                                                   | <b>\$348.30</b>            | <b>\$344.80</b> | <b>\$330.07</b> | <b>40.5</b>             | <b>40.0</b>  | <b>40.4</b>  | <b>\$8.60</b>              | <b>\$8.62</b> | <b>\$8.17</b> |
| DURABLE GOODS                                                          | 350.20                     | 343.36          | 333.33          | 41.2                    | 40.3         | 41.0         | 8.50                       | 8.52          | 8.13          |
| LUMBER AND WOOD PRODUCTS                                               | 242.26                     | 237.88          | 241.20          | 38.7                    | 38.0         | 40.0         | 6.26                       | 6.26          | 6.03          |
| FURNITURE AND FIXTURES                                                 | 226.95                     | 217.95          | 211.07          | 40.6                    | 39.2         | 39.9         | 5.59                       | 5.56          | 5.29          |
| HOUSEHOLD AND OFFICE FURNITURE                                         | 225.18                     | 216.06          | 210.54          | 40.5                    | 39.0         | 39.8         | 5.56                       | 5.54          | 5.29          |
| STONE, CLAY & GLASS PRODUCTS                                           | 312.53                     | 306.00          | 323.50          | 40.8                    | 40.8         | 42.9         | 7.66                       | 7.50          | 7.55          |
| PRIMARY METAL INDUSTRIES                                               | 398.11                     | 395.43          | 373.41          | 41.6                    | 41.8         | 40.5         | 9.57                       | 9.46          | 9.22          |
| FABRICATED METAL PRODUCTS                                              | 391.55                     | 383.40          | 365.40          | 43.7                    | 42.6         | 42.0         | 8.96                       | 9.00          | 8.70          |
| FABRICATED STRUCTURAL METAL PRODUCTS                                   | 362.00                     | 347.01          | 335.69          | 44.2                    | 43.0         | 42.6         | 8.19                       | 8.07          | 7.88          |
| MACHINERY EXCEPT ELECTRICAL                                            | 351.68                     | 342.52          | 342.38          | 40.1                    | 39.1         | 41.5         | 8.77                       | 8.76          | 8.25          |
| CONSTRUCTION AND RELATED MACHINERY                                     | 315.20                     | 317.59          | 324.72          | 39.4                    | 39.6         | 41.0         | 8.00                       | 8.02          | 7.92          |
| SPECIAL INDUSTRY MACHINERY                                             | 395.62                     | 365.40          | 385.16          | 41.6                    | 40.6         | 40.5         | 9.51                       | 9.00          | 9.51          |
| ELECTRIC & ELECTRONIC EQUIPMENT                                        | 347.41                     | 345.54          | 358.22          | 39.3                    | 39.0         | 40.8         | 8.84                       | 8.86          | 8.78          |
| COMMUNICATION EQUIPMENT                                                | 353.23                     | 344.82          | 383.11          | 39.6                    | 38.7         | 40.8         | 8.92                       | 8.91          | 9.39          |
| INSTRUMENTS & RELATED PRODUCTS                                         | 265.27                     | 275.89          | 206.40          | 38.5                    | 39.3         | 32.2         | 6.89                       | 7.02          | 6.41          |
| MISC. MANUFACTURING INDUSTRIES                                         | 279.16                     | 281.11          | 252.50          | 40.4                    | 40.8         | 37.8         | 6.91                       | 6.89          | 6.68          |
| NONDURABLE GOODS                                                       | 347.20                     | 347.13          | 327.58          | 40.0                    | 39.9         | 39.9         | 8.68                       | 8.70          | 8.21          |
| FOOD & KINDRED PRODUCTS                                                | 311.64                     | 310.18          | 286.12          | 39.2                    | 38.2         | 38.2         | 7.95                       | 8.12          | 7.49          |
| TEXTILE MILL PRODUCTS                                                  | 272.74                     | 265.34          | 251.68          | 39.3                    | 38.4         | 38.9         | 6.94                       | 6.91          | 6.47          |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL                             | 277.20                     | 281.18          | 282.08          | 39.6                    | 40.4         | 41.6         | 7.00                       | 6.96          | 6.80          |
| KNITTING MILLS                                                         | 263.44                     | 246.68          | 213.97          | 37.0                    | 34.5         | 34.4         | 7.12                       | 7.15          | 6.22          |
| MISC. TEXTILE GOODS                                                    | 304.62                     | 288.90          | 262.28          | 44.6                    | 42.8         | 40.6         | 6.83                       | 6.75          | 6.46          |
| APPAREL & OTHER TEXTILE PRODUCTS                                       | 197.08                     | 204.22          | 181.00          | 36.7                    | 38.1         | 35.7         | 5.37                       | 5.36          | 5.07          |
| MENS & BOYS SUITS, COATS AND FURNISHINGS                               | 211.66                     | 219.20          | 196.20          | 38.0                    | 40.0         | 36.0         | 5.57                       | 5.48          | 5.45          |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS                         | 179.93                     | 190.60          | 166.73          | 35.7                    | 37.3         | 35.1         | 5.04                       | 5.11          | 4.75          |
| PAPER & ALLIED PRODUCTS                                                | 468.16                     | 451.34          | 438.27          | 44.0                    | 42.3         | 42.8         | 10.64                      | 10.67         | 10.24         |
| PULP, PAPER & PAPERBOARD                                               | 573.65                     | 542.10          | 539.61          | 44.4                    | 41.7         | 43.1         | 12.92                      | 13.00         | 12.52         |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS,<br>CONTAINERS AND BOXES | 383.69                     | 373.23          | 353.98          | 43.9                    | 42.9         | 42.7         | 8.74                       | 8.70          | 8.29          |
| PRINTING AND PUBLISHING                                                | 389.87                     | 384.91          | 421.52          | 39.5                    | 39.6         | 43.1         | 9.87                       | 9.72          | 9.78          |
| NEWSPAPER AND PERIODICALS                                              | 305.15                     | 323.28          | 307.57          | 35.9                    | 36.0         | 36.1         | 8.50                       | 8.98          | 8.52          |
| CHEMICALS & ALLIED PRODUCTS                                            | 449.85                     | 441.29          | 427.22          | 40.6                    | 40.3         | 41.0         | 11.08                      | 10.95         | 10.42         |
| PLASTICS MATERIALS AND SYNTHETICS                                      | 473.06                     | 467.12          | 458.56          | 41.1                    | 40.2         | 41.2         | 11.51                      | 11.62         | 11.13         |
| LEATHER & LEATHER PRODUCTS                                             | 183.06                     | 181.65          | 160.24          | 40.5                    | 40.1         | 36.5         | 4.52                       | 4.53          | 4.39          |

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

**ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES**  
**BRISTOL, VIRGINIA AREA**

| INDUSTRY GROUP                       | AVERAGE WEEKLY EARNINGS |              |              | AVERAGE WEEKLY HOURS |              |              | AVERAGE HOURLY EARNINGS |              |              |
|--------------------------------------|-------------------------|--------------|--------------|----------------------|--------------|--------------|-------------------------|--------------|--------------|
|                                      | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985         | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 |
| MANUFACTURING                        | \$304.97                | \$302.80     | \$276.19     | 40.5                 | 40.0         | 38.4         | \$7.53                  | \$7.57       | \$7.19       |
| DURABLE GOODS                        | 354.55                  | 349.20       | 329.02       | 40.8                 | 40.0         | 40.9         | 8.69                    | 8.73         | 8.02         |
| FABRICATED METAL PRODUCTS            | 432.85                  | 449.20       | 391.43       | 43.9                 | 44.3         | 39.3         | 9.86                    | 10.14        | 9.96         |
| MACHINERY & TRANSPORTATION EQUIPMENT | 313.96                  | 290.87       | 312.12       | 37.6                 | 35.3         | 40.8         | 8.35                    | 8.24         | 7.65         |
| NONDURABLE GOODS                     | 247.82                  | 250.00       | 210.72       | 40.1                 | 40.6         | 37.9         | 6.18                    | 6.25         | 5.56         |
| FOOD & KINDRED PRODUCTS              | 242.35                  | 248.18       | 227.69       | 37.0                 | 38.3         | 35.9         | 6.55                    | 6.49         | 6.36         |
| APPAREL & OTHER TEXTILE PRODUCTS     | 249.65                  | 248.47       | 195.07       | 42.1                 | 40.6         | 39.4         | 5.93                    | 6.12         | 5.08         |

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,000 production workers.

Table C-3.

**ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES**  
**CHARLOTTESVILLE METROPOLITAN STATISTICAL AREA**

| INDUSTRY GROUP                  | AVERAGE WEEKLY EARNINGS |              |              | AVERAGE WEEKLY HOURS |              |              | AVERAGE HOURLY EARNINGS |              |              |
|---------------------------------|-------------------------|--------------|--------------|----------------------|--------------|--------------|-------------------------|--------------|--------------|
|                                 | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985         | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 |
| MANUFACTURING                   | \$290.28                | \$285.73     | \$274.43     | 41.0                 | 40.3         | 39.1         | \$7.08                  | \$7.09       | \$7.02       |
| DURABLE GOODS                   | 291.60                  | 286.70       | 281.87       | 40.5                 | 39.6         | 39.3         | 7.20                    | 7.24         | 7.16         |
| LUMBER AND WOOD PRODUCTS        | 1/ 231.97               | 234.02       | 202.59       | 42.1                 | 41.2         | 40.4         | 1/ 5.51                 | 5.69         | 4.99         |
| ELECTRIC & ELECTRONIC EQUIPMENT | 298.69                  | 291.80       | 291.41       | 40.2                 | 39.7         | 37.7         | 7.43                    | 7.34         | 7.74         |
| NONDURABLE GOODS                | 289.11                  | 283.46       | 263.31       | 41.9                 | 41.2         | 40.2         | 6.90                    | 6.88         | 6.55         |
| PRINTING AND PUBLISHING         | 316.44                  | 289.89       | 289.74       | 41.9                 | 39.6         | 38.3         | 7.51                    | 7.31         | 7.33         |

Data for the Charlottesville Standard Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 8,400 production workers.

See footnote Table C-1.

1/ 1985 data not comparable to prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES  
DANVILLE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                   | AVERAGE WEEKLY EARNINGS |              |              | AVERAGE WEEKLY HOURS |              |              | AVERAGE HOURLY EARNINGS |              |              |
|----------------------------------|-------------------------|--------------|--------------|----------------------|--------------|--------------|-------------------------|--------------|--------------|
|                                  | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985         | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 |
| MANUFACTURING                    | \$326.61                | \$325.22     | \$282.51     | 41.5                 | 40.4         | 38.7         | \$7.87                  | \$8.05       | \$7.30       |
| DURABLE GOODS                    | 1/ 294.42               | 293.35       | 251.36       | 1/ 39.1              | 38.7         | 38.9         | 7.53                    | 7.58         | 7.49         |
| LUMBER AND WOOD PRODUCTS         | 1/ 196.42               | 200.55       | 195.32       | 1/ 37.7              | 38.2         | 38.0         | 5.21                    | 5.25         | 5.14         |
| FABRICATED METAL PRODUCTS        | 248.25                  | 236.12       | 241.54       | 37.9                 | 35.4         | 38.4         | 6.55                    | 6.67         | 6.29         |
| MACHINERY EXCEPT ELECTRICAL      | 219.47                  | 224.20       | 229.67       | 36.7                 | 35.7         | 38.6         | 5.98                    | 6.28         | 5.95         |
| NONDURABLE GOODS                 | 333.06                  | 321.30       | 283.48       | 42.0                 | 40.7         | 39.1         | 7.93                    | 8.14         | 7.25         |
| APPAREL & OTHER TEXTILE PRODUCTS | 257.54                  | 251.46       | 220.55       | 39.5                 | 39.6         | 34.3         | 6.52                    | 6.35         | 6.43         |

Data for the Danville Standard Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 14,800 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES  
LYNCHBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                                | AVERAGE WEEKLY EARNINGS |              |              | AVERAGE WEEKLY HOURS |              |              | AVERAGE HOURLY EARNINGS |              |              |
|-----------------------------------------------|-------------------------|--------------|--------------|----------------------|--------------|--------------|-------------------------|--------------|--------------|
|                                               | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985         | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 |
| MANUFACTURING                                 | \$326.03                | \$321.11     | \$323.61     | 40.3                 | 39.4         | 40.3         | \$8.09                  | \$8.15       | \$8.03       |
| DURABLE GOODS                                 | 345.87                  | 337.04       | 333.34       | 40.5                 | 39.1         | 39.8         | 8.54                    | 8.62         | 8.30         |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES | 208.44                  | 188.37       | 190.24       | 38.6                 | 34.5         | 35.7         | 5.41                    | 5.46         | 5.33         |
| NONDURABLE GOODS                              | 298.34                  | 256.96       | 314.77       | 40.1                 | 39.7         | 41.2         | 7.44                    | 7.49         | 7.64         |
| FOOD & KINDRED PRODUCTS                       | 347.20                  | 350.83       | 340.23       | 40.0                 | 40.7         | 39.7         | 8.68                    | 8.62         | 8.57         |
| TEXTILE MILL PRODUCTS                         | 283.10                  | 273.64       | 277.94       | 40.5                 | 39.6         | 41.1         | 6.99                    | 6.91         | 6.76         |
| APPAREL & OTHER TEXTILE PRODUCTS              | 161.28                  | 165.75       | 144.69       | 38.4                 | 37.5         | 31.8         | 4.20                    | 4.42         | 4.55         |
| PAPER & ALLIED PRODUCTS                       | 1/ 482.41               | 468.18       | 454.05       | 46.7                 | 45.9         | 47.2         | 1/ 10.33                | 10.20        | 9.62         |

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 18,000 production workers.

See footnote Table C-1.

1/ 1985 data not comparable to prior years.

Table C-6.

## NORTHERN VIRGINIA AREA

| INDUSTRY GROUP                  | AVERAGE WEEKLY EARNINGS |           |           | AVERAGE WEEKLY HOURS |           |           | AVERAGE HOURLY EARNINGS |           |           |
|---------------------------------|-------------------------|-----------|-----------|----------------------|-----------|-----------|-------------------------|-----------|-----------|
|                                 | SEP. 1985               | AUG. 1985 | SEP. 1984 | SEP. 1985            | AUG. 1985 | SEP. 1984 | SEP. 1985               | AUG. 1985 | SEP. 1984 |
| MANUFACTURING                   | 8367.43                 | 8346.63   | 8259.68   | 40.2                 | 39.3      | 41.2      | 59.14                   | 58.82     | 58.73     |
| DURABLE GOODS                   | 1/ 150.50               | 335.76    | 329.47    | 41.1                 | 40.6      | 41.6      | 1/ 8.53                 | 8.27      | 7.92      |
| STONE, CLAY & GLASS PRODUCTS    | 316.01                  | 318.48    | 340.17    | 39.9                 | 41.2      | 43.5      | 7.92                    | 7.73      | 7.82      |
| FABRICATED METAL PRODUCTS       | 406.00                  | 365.29    | 380.14    | 45.1                 | 40.9      | 43.1      | 9.02                    | 8.93      | 8.82      |
| ELECTRIC & ELECTRONIC EQUIPMENT | 332.64                  | 312.44    | 299.36    | 39.6                 | 39.2      | 40.4      | 8.40                    | 7.87      | 7.41      |
| NONDURABLE GOODS                | 389.85                  | 261.17    | 400.66    | 39.1                 | 37.7      | 40.8      | 9.95                    | 9.58      | 9.82      |
| FOOD & KINDRED PRODUCTS         | 311.04                  | 271.94    | 347.23    | 40.5                 | 38.1      | 42.5      | 7.68                    | 7.19      | 8.17      |

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford) cover approximately 14,000 production workers.

See footnote Table C-1.

Table C-7.

## RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                       | AVERAGE WEEKLY EARNINGS |           |           | AVERAGE WEEKLY HOURS |           |           | AVERAGE HOURLY EARNINGS |           |           |
|--------------------------------------|-------------------------|-----------|-----------|----------------------|-----------|-----------|-------------------------|-----------|-----------|
|                                      | SEP. 1985               | AUG. 1985 | SEP. 1984 | SEP. 1985            | AUG. 1985 | SEP. 1984 | SEP. 1985               | AUG. 1985 | SEP. 1984 |
| MANUFACTURING                        | 8447.12                 | 8452.35   | 8431.33   | 40.1                 | 40.9      | 40.5      | 111.15                  | 111.06    | 110.65    |
| DURABLE GOODS                        | 341.12                  | 343.62    | 341.55    | 41.0                 | 41.4      | 41.4      | 8.32                    | 8.30      | 8.25      |
| WOOD AND WOOD PRODUCTS               | 234.61                  | 242.25    | 214.21    | 39.9                 | 42.5      | 42.2      | 5.86                    | 5.70      | 5.55      |
| FURNITURE AND FIXTURES               | 224.66                  | 225.11    | 222.60    | 40.7                 | 45.3      | 40.4      | 5.52                    | 5.19      | 5.51      |
| FABRICATED METAL PRODUCTS            | 374.26                  | 370.71    | 328.44    | 41.4                 | 41.7      | 39.1      | 9.00                    | 8.89      | 8.40      |
| FABRICATED STRUCTURAL METAL PRODUCTS | 424.89                  | 401.31    | 345.51    | 44.5                 | 44.1      | 40.6      | 9.53                    | 9.10      | 8.51      |
| NONDURABLE GOODS                     | 476.88                  | 483.89    | 454.61    | 39.8                 | 40.8      | 40.3      | 11.98                   | 11.86     | 11.30     |
| FOOD & KINDRED PRODUCTS              | 304.25                  | 312.15    | 312.86    | 37.5                 | 38.3      | 39.5      | 8.22                    | 8.15      | 7.92      |
| APPAREL & OTHER TEXTILE PRODUCTS     | 294.81                  | 210.66    | 202.54    | 34.4                 | 36.7      | 39.1      | 6.07                    | 5.74      | 5.18      |
| PAPER & ALLIED PRODUCTS              | 471.54                  | 460.95    | 424.30    | 44.8                 | 43.9      | 43.0      | 10.57                   | 10.50     | 10.10     |
| PRINTING AND PUBLISHING              | 441.39                  | 443.31    | 451.34    | 41.4                 | 42.1      | 42.7      | 10.71                   | 10.53     | 10.57     |
| CHEMICAL & ALLIED PRODUCTS           | 1/ 534.92               | 516.11    | 501.78    | 44.0                 | 42.2      | 43.9      | 1/ 12.10                | 12.23     | 11.43     |

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 47,200 production workers.

See footnote Table C-1.

1/ 1985 data not comparable to prior years.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES  
ROANOKE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP                       | AVERAGE WEEKLY EARNINGS |              |              | AVERAGE WEEKLY HOURS |              |              | AVERAGE HOURLY EARNINGS |              |              |
|--------------------------------------|-------------------------|--------------|--------------|----------------------|--------------|--------------|-------------------------|--------------|--------------|
|                                      | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985         | AUG.<br>1985 | SEP.<br>1984 | SEP.<br>1985            | AUG.<br>1985 | SEP.<br>1984 |
| MANUFACTURING                        | \$312.16                | \$312.71     | \$309.50     | 41.4                 | 41.2         | 41.6         | \$7.54                  | \$7.59       | \$7.44       |
| DURABLE GOODS                        | 313.74                  | 315.93       | 309.44       | 41.5                 | 41.9         | 41.9         | 7.56                    | 7.54         | 7.39         |
| FABRICATED METAL PRODUCTS            | 315.79                  | 301.90       | 309.83       | 43.2                 | 42.0         | 43.7         | 7.31                    | 7.19         | 7.09         |
| FABRICATED STRUCTURAL METAL PRODUCTS | 323.01                  | 302.99       | 292.66       | 44.8                 | 43.1         | 42.6         | 7.21                    | 7.03         | 6.87         |
| NONDURABLE GOODS                     | 310.16                  | 307.53       | 308.59       | 41.3                 | 40.2         | 41.2         | 7.51                    | 7.65         | 7.49         |
| FOOD & KINDRED PRODUCTS              | 374.93                  | 370.50       | 352.78       | 43.8                 | 43.7         | 42.3         | 8.56                    | 8.48         | 8.34         |
| TEXTILE MILL PRODUCTS                | 269.66                  | 250.34       | 244.67       | 42.4                 | 39.8         | 39.4         | 6.36                    | 6.29         | 6.21         |

Data for the Roanoke Standard Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,800 production workers.

See footnote Table C 1.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS  
U. S. CITY AVERAGE

ALL ITEMS - (1967 = 100)

| YEAR | JAN.  | FEB.  | MAR.  | APR.  | MAY   | JUNE  | JULY  | AUG.  | SEPT. | OCT.  | NOV.  | DEC.  | AVG.  | ANNUAL<br>AVERAGE<br>PERCENT CHANGE |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------------------|
| 1970 | 113.3 | 113.0 | 114.5 | 115.2 | 115.7 | 116.3 | 116.7 | 116.9 | 117.5 | 118.1 | 118.5 | 119.1 | 119.3 | 5.9                                 |
| 1971 | 119.2 | 119.4 | 119.8 | 120.2 | 120.8 | 121.5 | 121.8 | 122.1 | 122.2 | 122.4 | 122.8 | 123.1 | 121.3 | 4.3                                 |
| 1972 | 123.2 | 123.8 | 124.0 | 124.3 | 124.7 | 125.0 | 125.5 | 125.7 | 126.2 | 126.8 | 126.9 | 127.3 | 125.3 | 3.3                                 |
| 1973 | 127.7 | 128.6 | 129.8 | 130.7 | 131.5 | 132.4 | 132.7 | 135.1 | 135.5 | 136.6 | 137.8 | 138.5 | 133.1 | 6.2                                 |
| 1974 | 130.7 | 141.5 | 143.1 | 143.9 | 145.5 | 146.9 | 148.0 | 149.8 | 151.7 | 153.0 | 154.3 | 155.4 | 147.7 | 11.1                                |
| 1975 | 158.1 | 157.2 | 157.8 | 158.6 | 159.3 | 160.8 | 162.3 | 162.8 | 163.6 | 164.6 | 165.8 | 166.3 | 161.2 | 9.1                                 |
| 1976 | 166.7 | 167.1 | 167.5 | 168.2 | 169.2 | 170.1 | 171.1 | 171.9 | 172.6 | 173.3 | 173.8 | 174.3 | 170.5 | 5.8                                 |
| 1977 | 175.3 | 177.1 | 178.2 | 179.6 | 180.6 | 181.8 | 182.6 | 183.3 | 184.0 | 184.5 | 185.4 | 186.1 | 181.5 | 6.4                                 |
| 1978 | 187.2 | 188.4 | 189.8 | 191.5 | 193.3 | 195.3 | 196.7 | 197.8 | 198.3 | 200.9 | 202.0 | 202.9 | 196.4 | 7.7                                 |
| 1979 | 204.7 | 207.1 | 208.1 | 211.5 | 214.1 | 216.6 | 218.9 | 221.1 | 223.4 | 225.4 | 227.5 | 229.9 | 217.4 | 11.3                                |
| 1980 | 233.2 | 236.4 | 238.8 | 242.5 | 244.9 | 247.6 | 247.8 | 249.4 | 251.7 | 253.9 | 256.2 | 258.4 | 248.8 | 13.6                                |
| 1981 | 260.5 | 263.2 | 265.1 | 266.8 | 269.0 | 271.3 | 274.4 | 276.5 | 279.3 | 279.9 | 280.7 | 281.5 | 272.4 | 10.4                                |
| 1982 | 282.6 | 283.4 | 283.1 | 284.3 | 287.1 | 290.8 | 292.2 | 292.8 | 293.3 | 294.1 | 293.6 | 292.4 | 286.1 | 6.1                                 |
| 1983 | 293.1 | 293.2 | 293.4 | 295.5 | 297.1 | 298.1 | 299.3 | 300.3 | 301.8 | 302.6 | 303.1 | 303.5 | 298.4 | 3.2                                 |
| 1984 | 305.2 | 306.8 | 307.3 | 308.8 | 309.7 | 310.7 | 311.7 | 313.0 | 314.5 | 315.3 | 315.3 | 315.5 | 311.1 | 4.3                                 |
| 1985 | 318.1 | 312.4 | 318.8 | 320.1 | 321.3 | 322.3 | 322.8 | 323.5 | 324.5 |       |       |       |       |                                     |

SOURCE: U. S. Department of Labor, Bureau of Labor Statistics

## EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

### Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 41.9 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 1.1 percent adjustment in benchmark levels for the first quarter 1983 benchmark.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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